BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

he work: **Revised Estimate for Improvements to ICHS Layout Roads in Ward No. 09, iyapura Sub Division.**

						Estimate Cost:		1300000.00
Description	Unit	No.	L	B	D	Qty	Rate	Amount
3 300-2 : Earth work excavation by manual in Hard soil involving an average horizontal upto 2 meters and an average lift upto excavated surface leveled and sides neatly d, the disposed earth to be leveled neatly breaking of clods complete as per ications complete as per specifications TH chapter 3 **Page No. 138 / Item No. 19.2 / SR 2014-15**	Cum							
ting of Drains								
Main Road		2	210.00	0.45	0.35	66.15		
Main Road		2	195.00	0.45	0.35	61.43		
n Cutting								
Main Road		2	210.00	1.20	0.25	126.00		
Main Road		2	195.00	1.20	0.25	117.00		
						370.58	105.84	**39222.00**
Basic Rate	98.00							
Area Weightage @8%	7.84							
Total	**105.84**							
noving B.S Slab of Drain and stacking **Page . 25 / Item No. 5.32 / PWD SR 2014-15**	Sqm							
		2	90.00		1.35	243.00		
		2	75.00		1.35	202.50		
						445.50	58.32	**25982.00**
Basic Rate	54.00							
Area Weightage @8%	4.32							
Total	**58.32**							
Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2014-15**	Sqm							
		Vide Item No.2				**445.50**	75.60	**33680.00**
Basic Rate	70.00							
Area Weightage @ 8%	5.60							
Total	**75.60**							
4 KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density co plete as per MORTH specification NO. 406, **Page No. 154 / Item No. 20.18 / PWD SR 2014-15**	Cum							
6th A Main Road		1	210.00	5.50	0.15	173.25		
7th A Main Road		2	195.00	1.20	0.15	70.20		
						243.45	1438.56	**350217.00**
Basic Rate	1332.00							

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	106.56							
	Total	**1438.56**							
	500-1. Cleaning the existing WBM road e including removing of binding materials ther foreign matter with wire brushes and picks, sweeping with brooms or soft brushes inally dusting with old gunny bags and / or ressed air, to receive bituminous treatment ding cost of all materials, labour, HOM of hineries complete as per specifications. RTH chapter 5 \, **No. 157 / Item No. 21.1 / D SR 2014-15**	Sqm							
	A Main Road		1	210.00	5.50		1155.00		
	A Main Road		1	195.00	5.50		1072.50		
							2227.50	12.20	**27184.00**
	Basic Rate	11.30							
	Area Weightage @ 8%	0.90							
	Total	**12.20**							
	SRRB 500-4: Providing and applying primer coat r surfaces of medium porosity like cement tabilized soil base @ 1.10 Kg/sqmt over repared surface with S.S bitumen emulsion sing bitumen tanker fitted with spray set excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, **No. 157 / Item No. 21.6 / PWD SR 2014-15**	Sqm							
			Qty Vide Item No. 6				2227.50		
							2227.50	74.52	**165993.00**
	Basic Rate	69.00							
	Area Weightage @ 8%	5.52							
	Total	**74.52**							
	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. **using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade, No. 160 / Item No. 21.21.2 / PWD SR 2014-15**	Cum							
	6th A Main Road		1	210.00	5.50	0.025	28.88		
	7th A Main Road		1	195.00	5.50	0.025	26.81		
							55.69	11070.00	**616461.00**
	Basic Rate	10250.00							
	Area Weightage @ 8%	820.00							
	Total	**11070.00**							
8	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic rate for haulage of materials as per item no.17.1 page 141) Rs. 2.00	Vide Item No. 1					370.58	72.71	26943.00
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
	Sub Total								1285682.00
	Third Party Inspection Charges 1%								12857.00
	Miscellaneous and other Charges	L/S							1461.00
								Total	1300000.00

(Rs. Thirteen Lakhs Only)

TIFICATE:

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per P.W.D S.R of 2014-15.
This work included under 2013-14 POW Grant.
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Assistant Engineer
W-93

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Modified wrt to rates.

Technical Sanction for Rs. 13.00L.
Thirteen lakhs only
Registered as EE No: Dated: Subject
to conditions contained enclosed memo.
No: 148. Dt. 19/01/15
AE/JE
EE (BTP.Div.)